As a below named inventor, I hereby

icoy de diai.

My residence, post office address and citizenship are as stated below next to my name.

Alcoa Center, PA 15069-0001

names are listed below	inal, first and sole inventor (i v) of the subject matter which THOD AND APPARATUS	is claimed and for whi	ch a patent is sought	on the inven	joint inventor (if plural tion entitled	
	ich 🗆 is attached hereto	ZOX TILLUMININO AL	JOINT ON SHEET			
specification of wa		ember 1, 1996	as Application Seria	1 No 08/	742,976	
•	and was amended on		(if applicab		142,570	
	and was anonded on		(i) applicati			
	we reviewed and understand to discove.	the contents of the abov	re identified specifica	ation, includi	ng the claims, as	
I acknowledge the dut Regulations, §1.56.	y to disclose all information l	known to me to be mate	rial to patentability a	as defined in	Title 37, Code of Federal	
certificate listed below	priority benefits under Title and have also identified beloication on which priority is cl	ow any foreign applicat	, §119 of any foreign ion for patent or inve	application(sentor's certific	s) for patent or inventor's cate having a filing date	
Prior Foreign Application(s)			Priority Claimed			
(Number)	(Country)	(Day/Month/)	ear Filed)	Yes	No	
(Number)	(Country)	(Day/Month/Y	ear Filed)	Yes	No	
	atentability as defined in Title application and the national No.) (Filing		ling date of this appl	ication:	vailable between the	
(Appln. Serial No.) (Fili		g Date)	(Statuspatented, pending, abandoned)		abandoned)	
I hereby appoint the foconnected therewith:	llowing attorneys to prosecut Edward L. Levine - Reg N Thomas R. Trempus - Reg.	lo. 28097	o transact all busines	ss in the Pater	nt and Trademark Office	
	Alan G. Towner - Reg. No.					
Address all telephone			telephone no. (412)	337-2771		
	Aluminum Compa					
•	Alcoa Technical C	Center				
	100 Technical Dri					
•	Alcoa Center, PA	Alcoa Center, PA 15069-0001				
belief are believed to b like so made are punis	Il statements made herein of a e true; and further that these hable by fine or imprisonments may jeopardize the validity	statements were made at, or both, under §1001	with the knowledge to of Title 18 of the U	that willful fa nited States C	lse statements and the	
Full name of sole or fir		or the application of an	y patent issued there	on.		
	1100					
Inventor's signature		2	Date	ر 13 ر	996	
	ville, PA 15668		Citizenship			
Post Office Address	Aluminum Company of Am	erica				
_	Alcoa Technical Center					
	100 Technical Drive					

Full name of second i	inventor, if any gory Fata			·
. Inventor's signature _	Show Total	, ,	Date /2/23/96	
Residence Westland, MI 48185			Citizenship U.S.A.	
Post Office Address	Alcoa Automotive Structures			
	10 Oak Hollow, Suite 150			
	Southfield, MI 48034			

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good, and valuable considerations, the receipt of which is hereby acknowledged, and intending to be legally bound hereby, we, Ming Li of Murrysville in the County of Westmoreland, and the State of Pennsylvania; and Gregory Fata of Westland, in the County of Wayne and the State of Michigan,

Hereby sell, assign and transfer to Aluminum Company of America, a corporation of the state of Pennsylvania, having a place of business at Pittsburgh, in the County of Allegheny, and State of Pennsylvania, its successors, assigns, and legal representatives, our entire right, title and interest, for all countries, in and to any and all improvements which are disclosed and claimed, and any and all improvements which are disclosed but not claimed, in the application for United States Patent Serial No. 08/742,976 filed November 1, 1996 entitled "Improved Method and Apparatus for Trimming Aluminum Sheet" and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed on any of said improvements disclosed in said application; and in and to all original and reissued patents which have been or shall be issued on said improvements;

Authorize and request the Commissioner of Patents and Trademarks to issue to said Assignee, Aluminum Company of America, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said improvements, or any of them disclosed in said application;

Agree that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, we will, for all countries execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to us relating to said improvements and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said improvements, and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives.

	nee, its successors, assigns and legal						
representatives that we have made to others no assignment, grant, mortgage, license or							
other agreement affecting the rights and property herein conveyed, and that we have full							
right to convey the same as herein expressed.							
	Dec. 13, 1996						
	Ming Li Date						
	Lung Jota 12/23/96						
	Gregory Fata Date						
State of Pennsylvania))SS.							
County of Westmoreland)							
	۸.						
	day of <u>lecember</u> , 1996,						
personally appeared Ming Li, to me personally known to be the person who is described							
in and who executed the above instrument, and he acknowledged to me that he executed							
the same of his own free will for the purposes therein set forth.							
)	ganette M. Smith						
	Notary Public						
State of Michigan) SS.	Notarial Seal Janette M. Smith, Notary Public Upper Burrell Twp., Westmoreland County My Commission Expires Feb. 22, 1997						
County of CAKland)	Member, Pennsylvania Association of Notaries						
Before me this 33°	•						
personally appeared Gregory Fata, to me personally known to be the person who is							

Notary Public
DAVID A. HICKMARI
NOTARY PUBLIC - GARLAND COUNTY, MI
ACTING IN CO., MI
MY COMMISSION EXP. 02/27/2801

described in and who executed the above instrument, and he acknowledged to me that he

executed the same of his own free will for the purposes therein set forth.